Suggested Fall 2017 Courses For
Biological Sciences (BIO) & Microbiology (MCRO)

Recommended: Enroll in 12-16 units       Catalog Year: 17-19

BIO/MCRO Major Courses:
• Take BIO 263: Intro to Ecology & Evolution if not already satisfied.
• Take MCRO 224: General Microbiology I if a MCRO major, or planning to pursue the Molecular & Cellular BIO concentration, or pre-health career focus, or otherwise interested.

Other BIO Major possibilities:
• BIO 321: Mammalogy, BIO 322: Ichthyology, BIO 429: Parasitology, BIO 434: Environmental Physiology, BOT 323: Plant Pathology, MSCI 437: Marine Botany
• MCRO 320: Emerging Infectious Diseases (requires equivalent of MCRO 224)
• BIO 351: Genetics (Requires equivalent of one course in organic chemistry)
• BIO 361: Principles of Animal Physiology (Requires equivalent of one course in organic chemistry)

Other MCRO Major options:
• MCRO 320: Emerging Infectious Diseases (requires equivalent of MCRO 224)
• MCRO 421: Food Microbiology (requires equivalent of MCRO 224)

Support Courses:
• If still needed, complete any of the remaining lower division major/support coursework in Biology, Chemistry, Math, Physics, and Statistics.

General Education (GE) Courses:
• Take one of any remaining lower division GE coursework
• If all lower division GE coursework has been completed, take one from GE C4*, D5, and/or F

Additional Notes:
• The Graduation Writing Requirement (GWR) is a CSU-mandated program designed to ensure that students can write proficiently before they enter the professional workforce. All Cal Poly students who are seeking a degree, must fulfill the GWR.

You can fulfill the Graduation Writing Requirement (GWR) in one of two ways: 1) Pass the Writing Proficiency Exam (WPE) OR 2) Pass a GE C4* GWR-approved upper-division course with a grade of C or better AND receive certification of proficiency in writing based on a 500-word in-class essay. Additional GWR information can be found here: http://www.writingcenter.calpoly.edu/content/gwr/index

• United States Cultural Pluralism (USCP) requirement must be satisfied before graduation. You can search for classes in PASS that will allow you to satisfy both GE area and the USCP requirement.

• For more information about the majors and department, visit the Biology Department website at: www.bio.calpoly.edu

• For academic advising and pre-health career advising, please visit: www.csmadvising.calpoly.edu and www.prehealth.calpoly.edu

Advising Center Information:
Location: Building 53 Room 211    Email: csmadvising.calpoly.edu    Phone: 805.756.2615    Website: csmadvising.calpoly.edu